Payload 3 Daily Flight Report

Date: 2023-08-03
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N934MU

Domain: 10 (Central Plains)
Sites Flown: None
Days left in Domain: 23

Report Author: Nick
Lidar Operators: Nick
Flight Hours: 00:00
Spectrometer Operators: Matt
Hours until maintenance: 92.32
Pilots: Justin, Shane

Summary
Clouds were prevalent again and prevented flights today. A window of good weather is forecast tomorrow morning.

Concerns
None.

Comments
Shane rotates out today. Thanks Shane! Jon rotates in.

Cumulative Domain Coverage

D10|ARIK (Arikaree River)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |

Flown: 0% (0/35)
Green: 0% (0/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

D10|RMNP (Rocky Mountain National Park)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |

Flown: 18% (7/39)
Green: 13% (5/39)
Yellow: 5% (2/39)
Red: 0% (0/39)

D13|NIWO (Niwot Ridge Mountain Research Station)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
Flown: 4% (2/52)
Green: 0% (0/52)
Yellow: 4% (2/52)
Red: 0% (0/52)

D13 | WLOU (West St. Louis Creek)

Flown: 0% (0/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 0% (0/14)

Weather Forecast
Nederland, CO (NIWO)

Allenspark, CO (RMNP)

Fraser, CO (WLOU)
Flight Collection Plan for August 4th 2023

**Flyority 1**
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 15:40 UTC / 09:40 L

**Flyority 2**
Collection Area: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 15:40 UTC / 09:40 L

**Flyority 3**
Collection Area: West St. Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_Q780
On-Station Time: 15:40 UTC / 09:40 L

**Flyority 4**
Collection Area: Arikaree River (ARIK)
Flight Plan Name: D10_ARIK_A1_P2_v3_Q780
On-Station Time: 15:30 UTC / 09:30 L

**Crew**: Matt (Lidar), Nick (NIS), N/A (Ground)